

MURRY STREET

POTENTIAL SPEED MANAGING SOLUTIONS

At the request of the Mayor at last night's (7/14/22) City Council Meeting. The following are a few options to manage and control the speeds on Murry Street. As previously expressed, *YIELD or STOP signs should not be used for speed control*. Speed enforcement would be the easiest and most non-intrusive way of controlling traffic speeds.

There are multiple physical ways providing of providing speed controlling devices.

Horizontal Deflections hinder the driver's ability to drive in a straight line by creating horizontal shifts in the roadway or reduce the width of the travel lane. Both options do not appear to be viable for Murry Street.

Vertical Deflections create a change in the height of the roadway surface which tends to get vehicles to slow down to reduce the unpleasant bump. This is a potential viable option for Murry Street.

Intelligent Transportation System (ITS) Technology has some options that tend to reduce traffic speed and increase pedestrian safety. Some examples are speed display units and flashing pedestrian crosswalks. This technology is expensive and probably not an option for Murry Street.

Of the available options, vertical deflections seem to be the only viable option. This could be completed as a speed hump or speed bump. A speed hump is a larger but less aggressive speed control device compared to a speed bump. A speed bump forces traffic to slow to approximately 5-10 mile per hour.

Coordination with the road department is essential to determine their capabilities of constructing a speed hump and the potential impacts to the snow removal process.